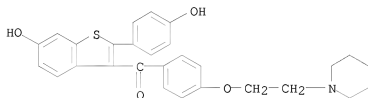


=> s raloxifene/cn
 L1 1 RALOXIFENE/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 84449-90-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]- (CA INDEX NAME)

OTHER NAMES:
 CN Keoxifene
 CN LY 139481
 CN Raloxifene
 CN [2-(4-Hydroxyphenyl)-6-hydroxybenzo[b]thien-3-yl][4-(2-(1-piperidinyl)ethoxy)phenyl]methanone
 MF C28 H27 N O4 S
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB*, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK*, PATDPASPC, PHAR, PROMT, PROUSDDR, RTECS*, SCISEARCH, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2074 REFERENCES IN FILE CA (1907 TO DATE)
 46 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2082 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	7.88	8.10

FILE 'REGISTRY' ENTERED AT 17:12:52 ON 05 JAN 2009
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STRUCTURE FILE UPDATES: 4 JAN 2009 HIGHEST RN 1092523-63-1
 DICTIONARY FILE UPDATES: 4 JAN 2009 HIGHEST RN 1092523-63-1

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<http://www.cas.org/support/stngen/stdoc/properties.html>

=> STR 84449-90-1

:END

L2 STRUCTURE CREATED

=> S L2 FAM FUL

FULL SEARCH INITIATED 17:12:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 403 TO ITERATE

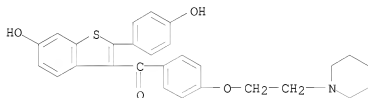
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SEARCH TIME: 00.00.01

L3 49 SEA FAM FUL L2

=>

=> D SCAN

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-, hydrochloride, compd. with tetrahydrofuran (2:2:1)
MF C28 H27 N O4 S . 1/2 C4 H8 O . Cl H
CM 1



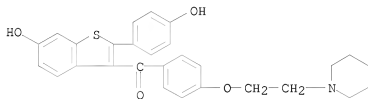
● HCl

CM 2

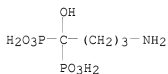


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):48

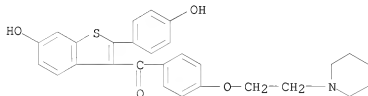
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone (1:1), pentahydrate (9CI)
 MF C28 H27 N O4 S . C4 H13 N O7 P2 . 5 H2 O
 CM 1



CM 2



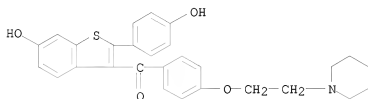
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanoic acid, 2-hydroxy-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone (1:1)
 MF C28 H27 N O4 S . C3 H6 O3
 CM 1



CM 2



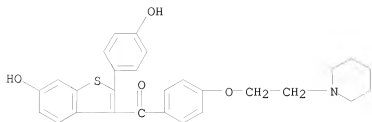
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Pyrrolidinone, 1-ethenyl-, homopolymer, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone (1:1) (9CI)
 MF C28 H27 N O4 S . (C6 H9 N O)x
 CM 1



CM 2
 CM 3



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]-, hydrochloride, hydrate (1:1:1)
 MF C28 H27 N O4 S . Cl H . H2 O

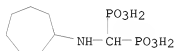


● HCl

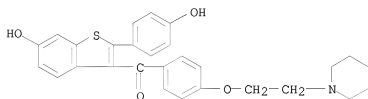
● H₂O

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Phosphonic acid, [(cycloheptylamino)methylene]bis-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 MF piperidinyl)ethoxy]phenyl]methanone (1:1), monohydrate (9CI)
 C28 H27 N O4 S . C8 H19 N O6 P2 . H2 O

CM 1

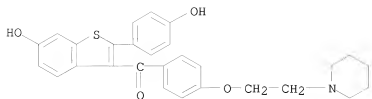


CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanoic acid, 2-hydroxy-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 MF piperidinyl)ethoxy]phenyl]methanone, hydrate (2:2:1)
 C28 H27 N O4 S . C3 H6 O3 . 1/2 H2 O

CM 1

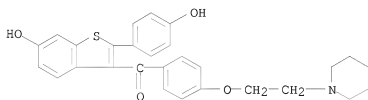


CM 2



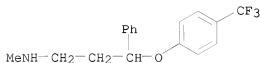
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-, hydrochloride, mixt. with
 N-methyl-γ-[4-(trifluoromethyl)phenoxy]benzenepropanamine
 hydrochloride (9CI)
 MF C28 H27 N O4 S . C17 H18 F3 N O . 2 Cl H
 CI MXS

CM 1



● HCl

CM 2



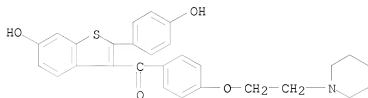
● HCl

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Benzeneacetic acid, α-methyl-4-(2-methylpropyl)-, mixt. with

2-amino-2-methyl-1-propanol compd. with
 8-bromo-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione (1:1) and
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone hydrochloride (9CI)

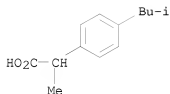
MF C28 H27 N O4 S . C13 H18 O2 . C7 H7 Br N4 O2 . C4 H11 N O . Cl H
 CI MXS

CM 1



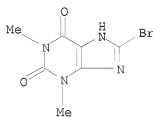
● HCl

CM 2

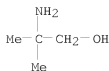


CM 3

CM 4

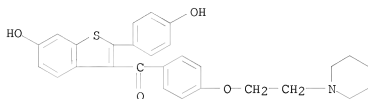


CM 5



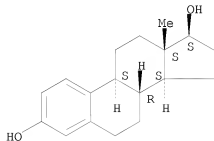
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Estr-1,3,5(10)-triene-3,17-diol (17 β)-, mixt. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone
 MF C28 H27 N O4 S . C18 H24 O2
 CI MXS

CM 1



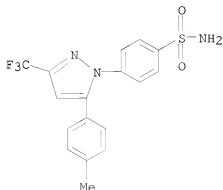
CM 2

Absolute stereochemistry.

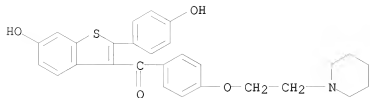


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Benzenesulfonamide, 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-
 yl]-, mixt. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone hydrochloride (9CI)
 MF C28 H27 N O4 S . C17 H14 F3 N3 O2 S . C1 H
 CI MXS

CM 1



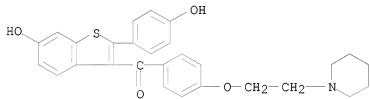
CM 2



● HCl

```
L3 49 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN Propanoic acid, 2-hydroxy-, (2S)-, compd. with
   [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
   piperidinyl)ethoxy]phenyl]methanone (1:1)
MF C28 H27 N O4 S . C3 H6 O3
```

CM 1

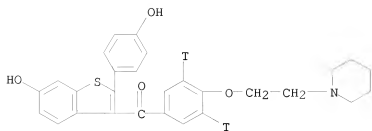


CM 2

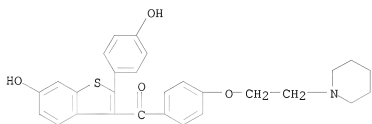
Absolute stereochemistry. Rotation (+).



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl-3,5-t2]- (9CI)
MF C28 H25 N O4 S T2



```
L3 49 ANSWERS  REGISTRY  COPYRIGHT 2009 ACS on STN
IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
ME C28 H27 N O4 S . Cl H . x H2 O
piperidinyl)ethoxy]phenyl]-, hydrochloride, hydrate (1:1:?)
```

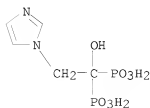


● HCl

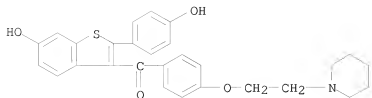
●_x H₂O

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
IN Phosphonic acid, [1-hydroxy-2-(1H-imidazo-1-yl)ethylidene]bis-, compd.
with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone (1:1), tetrahydrate (9CI)
MF C28 H27 N O4 S . C5 H10 N2 O7 P2 . 4 H2 O

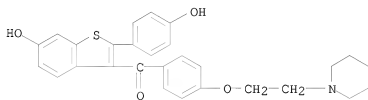
CM 1



CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanoic acid, 2-hydroxy-, (2S)-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1)
 MF C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O
 CM 1

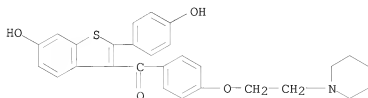


CM 2

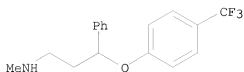
Absolute stereochemistry. Rotation (+).



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]-, mixt. with
 N-methyl-γ-[4-(trifluoromethyl)phenoxy]benzenepropanamine (9CI)
 MF C28 H27 N O4 S . C17 H18 F3 N O
 CI MXS
 CM 1

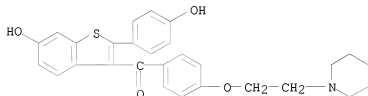


CM 2



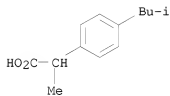
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Benzenecetic acid, α -methyl-4-(2-methylpropyl)-, mixt. with
 2-amino-2-methyl-1-propanol compd. with
 8-bromo-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione (1:1),
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone hydrochloride and
 N-[(4-methoxyphenyl)methyl]-N',N'-dimethyl-N-2-pyridinyl-1,2-ethanediamine
 (2Z)-2-butenedioate (1:1) (9CI)
 MF C28 H27 N O4 S . C17 H23 N3 O . C13 H18 O2 . C7 H7 Br N4 O2 . C4 H11 N O .
 C4 H4 O4 . C1 H
 CI MXS

CM 1



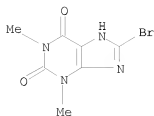
● HCl

CM 2

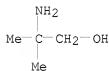


CM 3

CM 4



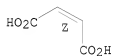
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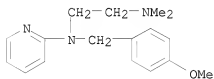
CM 6

CM 7

Double bond geometry as shown.

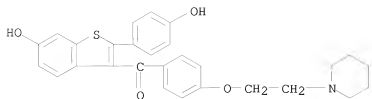


CM 8

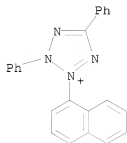


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2H-Tetrazolium, 3-(1-naphthalenyl)-2,5-diphenyl-, chloride (1:1), mixt.
 with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone
 MF C28 H27 N O4 S . C23 H17 N4 . Cl
 CI MXS

CM 1



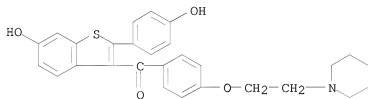
CM 2



● Cl⁻

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, compd. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone (1:1)
 MF C28 H27 N O4 S . C3 H4 O4

CM 1

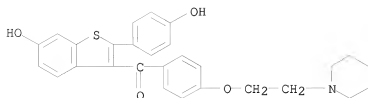


CM 2

HO₂C-CH₂-CO₂H

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanoic acid, 2-hydroxy-, (2R)-, compd. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone (1:1) (9CI)
 MF C28 H27 N O4 S . C3 H6 O3

CM 1



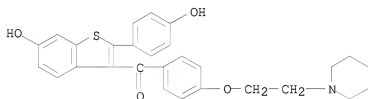
CM 2

Absolute stereochemistry.



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-, compd. with 1,2-dichloroethane, hydrochloride (1:1:1)
MF C28 H27 N O4 S . C2 H4 Cl2 . Cl H

CM 1

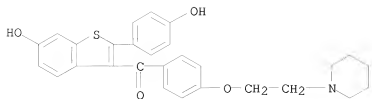


CM 2

Cl-CH2-CH2-Cl

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
IN Rapamycin, mixt. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone
MF C51 H79 N O13 . C28 H27 N O4 S
CI MXS

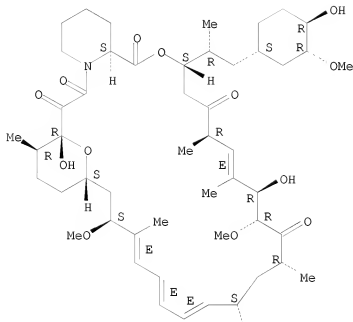
CM 1



CM 2

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A

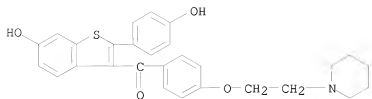


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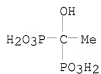


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Phosphonic acid, (1-hydroxyethylidene)bis-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone (1:2), pentahydrate (9CI)
MF C28 H27 N O4 S . 1/2 C2 H8 O7 P2 . 5/2 H2 O

CM 1

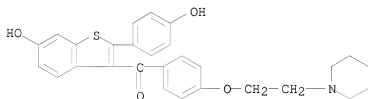


CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanoic acid, 2-hydroxy-, (2S)-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone, hydrate (2:2:1)
 MF C28 H27 N O4 S . C3 H6 O3 . 1/2 H2 O

CM 1



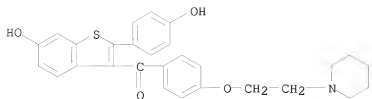
CM 2

Absolute stereochemistry. Rotation (+).



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]-, compd. with chlorobenzene, hydrochloride
 (1:1:1)
 MF C28 H27 N O4 S . C6 H5 Cl . Cl H

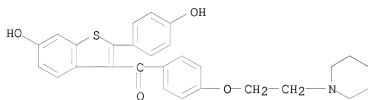
CM 1



CM 2



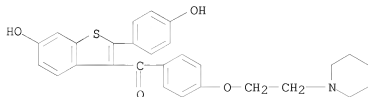
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-
 MF C28 H27 N O4 S
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

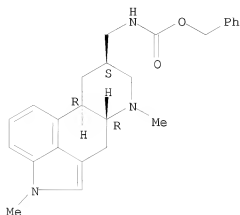
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Carbamic acid, [[(8β)-1,6-dimethylergolin-8-yl]methyl]-, phenylmethyl ester, mixt. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone (9CI)
 MF C28 H27 N O4 S . C25 H29 N3 O2
 CI MXS

CM 1



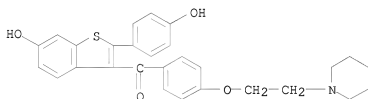
CM 2

Absolute stereochemistry.



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 MF piperidinyl)ethoxy]phenyl]-, compd. with 2-propanol, sulfate (1:1:1)
 C28 H27 N O4 S . C3 H8 O . H2 O4 S

CM 1



CM 2

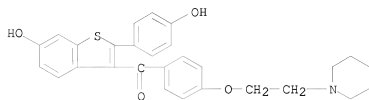


CM 3



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 MF piperidinyl)ethoxy]phenyl]-, compd. with 2-propanol, sulfate (1:1:1)
 C28 H27 N O4 S . C3 H8 O . H2 O4 S

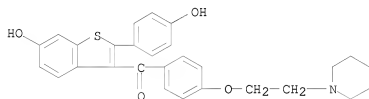
MF piperidinyl]ethoxy]phenyl]-, nitrate (1:1)
 C28 H27 N O4 S . H N O3
 CM 1



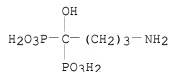
CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone (1:1) (9CI)
 MF C28 H27 N O4 S . C4 H13 N O7 P2
 CM 1



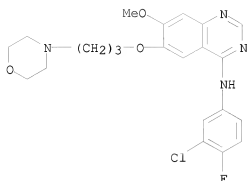
CM 2



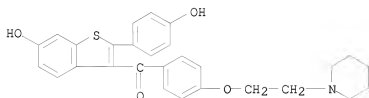
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]-, mixt. with
 N-(3-chloro-4-fluorophenyl)-7-methoxy-6-[3-(4-morpholinyl)propoxy]-4-
 quinazolinamine
 MF C28 H27 N O4 S . C22 H24 Cl F N4 O3

CI MXS

CM 1



CM 2

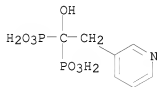


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

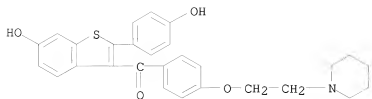
IN Phosphonic acid, [1-hydroxy-2-(3-pyridinyl)ethylidene]bis-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone (1:1), trihydrate (9CI)

MF C28 H27 N O4 S . C7 H11 N O7 P2 . 3 H2 O

CM 1

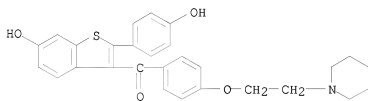


CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanoic acid, 2-hydroxy-, (2R)-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 MF C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O

CM 1



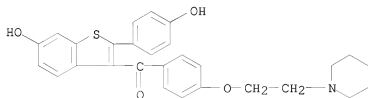
CM 2

Absolute stereochemistry.



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Pyrrolidinone, 1-ethenyl-, homopolymer, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 MF C28 H27 N O4 S . 1/3 (C6 H9 N O)x

CM 1

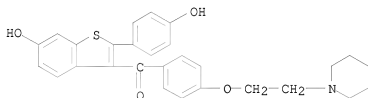


CM 2

CM 3



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-, hydrochloride (1:1)
MF C28 H27 N O4 S . Cl H
CI COM

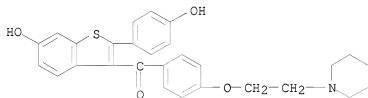


● HCl

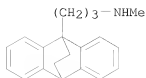
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]-, mixt. with
N-methyl-9,10-ethanoanthracene-9(10H)-propanamine (9CI)
MF C28 H27 N O4 S . C20 H23 N
CI MXS

CM 1

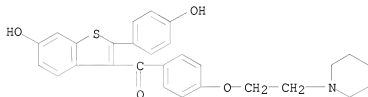


CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Butanedioic acid, compd. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-
 3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone (1:1)
 MF C28 H27 N O4 S . C4 H6 O4

CM 1

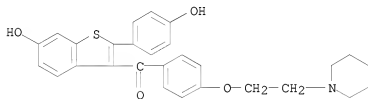


CM 2

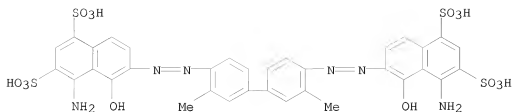


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-
 diyl)bis(azo)]bis[4-amino-5-hydroxy-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone (1:2) (9CI)
 MF C34 H28 N6 O14 S4 . 2 C28 H27 N O4 S

CM 1

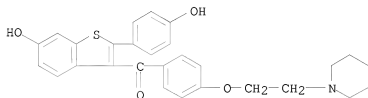


CM 2



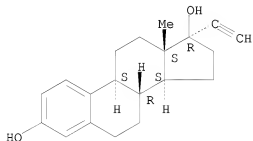
L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 19-Norpregna-1,3,5(10)-trien-20-yne-3,17-diol, (17 α)-, mixt. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone (9CI)
 MF C28 H27 N O4 S . C20 H24 O2
 CI MXS

CM 1



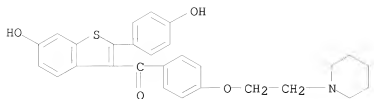
CM 2

Absolute stereochemistry.

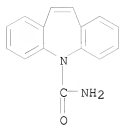


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 5H-Dibenz[b,f]azepine-5-carboxamide, mixt. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone
 MF C28 H27 N O4 S . C15 H12 N2 O
 CI MXS

CM 1

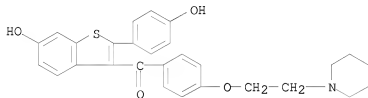


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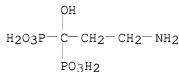


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Phosphonic acid, (3-amino-1-hydroxypropylidene)bis-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone (1:1), trihydrate (9CI)
 MF C28 H27 N O4 S . C3 H11 N O7 P2 . 3 H2 O

CM 1

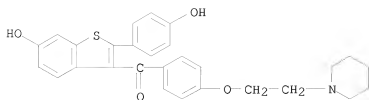


CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanoic acid, 2-hydroxy-, (2R)-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone, hydrate (2:2:1) (9CI)
 MF C28 H27 N O4 S . C3 H6 O3 . 1/2 H2 O

CM 1



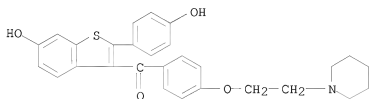
CM 2

Absolute stereochemistry.



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 2-Pyrrolidinone, 1-ethenyl-, homopolymer, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone (1:9) (9CI)
MF C28 H27 N O4 S . 1/9 (C6 H9 N O)x

CM 1



CM 2

CM 3

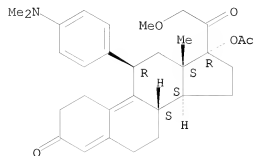


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 19-Norpregna-4,9-diene-3,20-dione,
17-(acetyloxy)-11-[4-(dimethylamino)phenyl]-21-methoxy-, (11 β)-,
mixt. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone

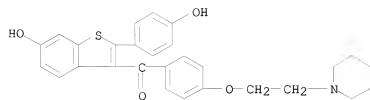
MF C31 H39 N O5 . C28 H27 N O4 S
 CI MXS

CM 1

Absolute stereochemistry.

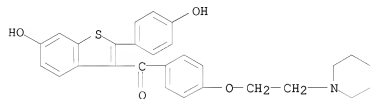


CM 2

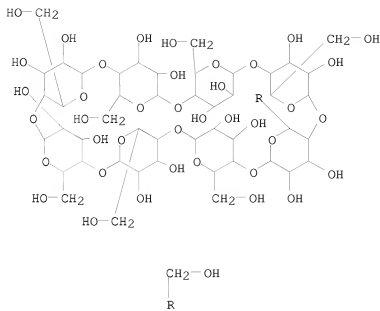


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN γ -Cyclodextrin, compd. with [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone (9CI)
 MF C48 H80 O40 . x C28 H27 N O4 S

CM 1

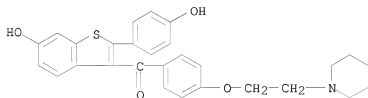


CM 2



L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN Propanoic acid, 2-hydroxy-, compd. with
 [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1)
 MF C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O

CM 1

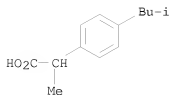


CM 2

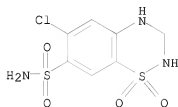


L3 49 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN Methanone, [6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
 piperidinyl)ethoxy]phenyl]-, hydrochloride, mixt. with
 (γR)-N-methyl-γ-[4-(trifluoromethyl)phenoxy]benzenepropanamine
 hydrochloride (9CI)
 MF C28 H27 N O4 S . C17 H18 F3 N O . 2 Cl H
 CI MXS

CM 1



CM 3



● HCl

ALL ANSWERS HAVE BEEN SCANNED

=> fil stng

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	73.33	81.43

FILE 'STNGUIDE' ENTERED AT 17:13:31 ON 05 JAN 2009
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 LAST RELOADED: Dec 19, 2008 (20081219/UP).

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.07	81.50

FILE 'REGISTRY' ENTERED AT 17:14:08 ON 05 JAN 2009
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STRUCTURE FILE UPDATES: 4 JAN 2009 HIGHEST RN 1092523-63-1
 DICTIONARY FILE UPDATES: 4 JAN 2009 HIGHEST RN 1092523-63-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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<http://www.cas.org/support/stngen/stdoc/properties.html>

=> s lactic acid/cn

L4 1 LACTIC ACID/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 50-21-5 REGISTRY

ED Entered STN: 16 Nov 1984

CN Propanoic acid, 2-hydroxy- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Lactic acid (7CI, 8CI)

OTHER NAMES:

CN (+)-Lactic acid

CN α -Hydroxypropanoic acid

CN α -Hydroxypropionic acid

CN 2-Hydroxy-2-methylacetic acid

CN 2-Hydroxypropanoic acid

CN 2-Hydroxypropionic acid

CN Biolac

CN Chem-Cast

CN DL-Lactic acid

CN dl-Lactic acid

CN E 270

CN HiPure 88

CN Lurex

CN Milk acid

CN NSC 367919

CN Purac FCC 80

CN Purac FCC 88

CN Tonsillozan

AR 849585-22-4

DR 152-36-3, 598-82-3

MF C3 H6 O3

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, GMELIN*, HSDB*, IFCDB, IFIPAT, IFIUDB, INSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PATDPASPC, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

63038 REFERENCES IN FILE CA (1907 TO DATE)
2564 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
63139 REFERENCES IN FILE CAPLUS (1907 TO DATE)

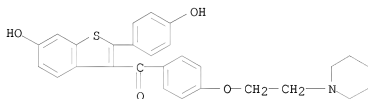
=> s l3 and C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O/mf
3 C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O/MF
L5 3 L3 AND C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O/MF

=> d 1-3

L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 676636-05-8 REGISTRY
ED Entered STN: 26 Apr 2004
CN Propanoic acid, 2-hydroxy-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1) (CA INDEX NAME)
MF C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 84449-90-1
CMF C28 H27 N O4 S



CM 2

CRN 50-21-5
CMF C3 H6 O3



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

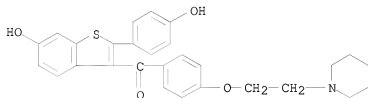
L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 676635-97-5 REGISTRY
ED Entered STN: 26 Apr 2004
CN Propanoic acid, 2-hydroxy-, (2S)-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:

CN Propanoic acid, 2-hydroxy-, (2S)-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1) (9CI)
FS STEREOSEARCH
MF C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 84449-90-1

CMF C28 H27 N O4 S



CM 2

CRN 79-33-4

CMF C3 H6 O3

Absolute stereochemistry. Rotation (+).



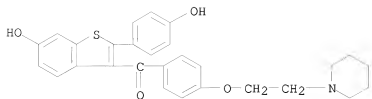
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 676635-86-2 REGISTRY
ED Entered STN: 26 Apr 2004
CN Propanoic acid, 2-hydroxy-, (2R)-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-
piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1) (9CI) (CA INDEX
NAME)
FS STEREOSEARCH
MF C28 H27 N O4 S . C3 H6 O3 . 1/4 H2 O
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 84449-90-1

CMF C28 H27 N O4 S



CM 2

CRN 10326-41-7

CMF C3 H6 O3

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s 15

L6 1 L5

=> d bib abs hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:292022 CAPLUS

DN 140:309411

TI Pharmaceutical compositions comprising raloxifene acid addition salts and/or solvates

IN Karup, Gunnar Leo; Pedersen, Soren Bols

PA A/S Gea Farmaceutisk Fabrik, Den.

SO PCT Int. Appl., 64 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004029046	A2	20040408	WO 2003-DK645	20030930
	WO 2004029046	A3	20041014		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2499819	A1	20040408	CA 2003-2499819	20030930
	AU 2003266940	A1	20040419	AU 2003-266940	20030930
	AU 2003266940	B2	20070208		
	AU 2003266940	B9	20080110		
	EP 1546138	A2	20050629	EP 2003-747847	20030930
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	EP 1826205	A1	20070829	EP 2007-108497	20030930
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR			
	EP 1832582	A1	20070912	EP 2007-108496	20030930
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR			
	EP 1832583	A1	20070912	EP 2007-108498	20030930
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, RO, SE, SI, SK, TR			
	NO 2005002100	A	20050629	NO 2005-2100	20050429
	US 20060154966	A1	20060713	US 2005-528691	20050921
FRAI	DK 2002-1450	A	20020930		
	EP 2003-747847	A3	20030930		
	WO 2003-DK645	W	20030930		

OS MARPAT 140:309411

AB Raloxifene acid addition salts or solvates thereof, having improved dissoln. properties in media comprising hydrochloric acid are described, compared with similar prepn. based on raloxifene or raloxifene-hydrochloride. The disclosed acid addition salts or solvates thereof show an improved bioavailability in media comprising hydrochloric acid, such as the gastric juice. The acid addition salts or solvates thereof are addition salts or solvates of raloxifene and a pharmaceutically acceptable acid selected among succinic acid, lactic acid, malonic acid or sulfuric acid. Further, crystalline forms of the raloxifene salts and solvates thereof are disclosed. The raloxifene acid addition salts and/or solvates thereof are useful for the

preparation of pharmaceutical composition for oral administration capable of fast

and reliable release of the active ingredients in the stomach of the patient, in particular for the treatment of cancer or osteoporosis, or for inhibiting cartilage degradation. A new method for preparation of raloxifene lactate is also disclosed. Thus, raloxifene malonate was prepared by the reaction of raloxifene-HCl with malonic acid in propanol-water solution. The product was characterized by IR spectra and x-ray diffraction.

IT 676635-97-5P

RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(pharmaceutical comps. comprising raloxifene acid addition salts and/or solvates)

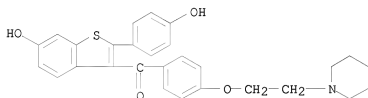
RN 676635-97-5 CAPLUS

CN Propanoic acid, 2-hydroxy-, (2S)-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1) (CA INDEX NAME)

CM 1

CRN 84449-90-1

CMF C28 H27 N O4 S



CM 2

CRN 79-33-4

CMF C3 H6 O3

Absolute stereochemistry. Rotation (+).



IT 676635-86-2 676636-05-8

RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(pharmaceutical comps. comprising raloxifene acid addition salts and/or solvates)

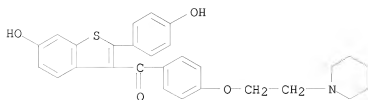
RN 676635-86-2 CAPLUS

CN Propanoic acid, 2-hydroxy-, (2R)-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1) (9CI) (CA INDEX NAME)

CM 1

CRN 84449-90-1

CMF C28 H27 N O4 S



CM 2

CRN 10326-41-7

CMF C3 H6 O3

Absolute stereochemistry.



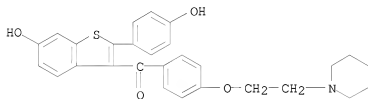
RN 676636-05-8 CAPLUS

CN Propanoic acid, 2-hydroxy-, compd. with
[6-hydroxy-2-(4-hydroxyphenyl)benzo[b]thien-3-yl][4-[2-(1-piperidinyl)ethoxy]phenyl]methanone, hydrate (4:4:1) (CA INDEX NAME)

CM 1

CRN 84449-90-1

CMF C28 H27 N O4 S



CM 2

CRN 50-21-5

CMF C3 H6 O3



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ALL CITATIONS AVAILABLE IN THE RE FORMAT

